

What is Friction ? No.2

Acceleration [m/s²]

Dry	Wet	Snowy	Icy
-----	-----	-------	-----

実験 No.1 の結果を平均して，小数点第 2 位まで求める

$$x = \frac{v^2}{2a}$$

Dry Road	velocity [km/h]	velocity v [m/s]	distance that took to stop x [m]
5			
10			
15			
20			
25			
30			

Wet Road	velocity [km/h]	velocity v [m/s]	distance that took to stop x [m]
5			
10			
15			
20			
25			
30			

Snowy Road	velocity [km/h]	velocity v [m/s]	distance that took to stop x [m]
5			
10			
15			
20			
25			
30			

Icy Road	velocity [km/h]	velocity v [m/s]	distance that took to stop x [m]
5			
10			
15			
20			
25			
30			

組 番 氏名